BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF PROJECT : BALANCE WORKS TO SAMUDHAYA BHAVANA IN WARD NO.2

ABSTRACT

Sl No	DESCRIPTION OF WORK	AMOUNT
1	Building	7181000
2	Borewell	637500
3	Electrical work	176217
4	Miscellaneous and rounding off	5283
	Total	8000000

RUPEES EIGHTY LAKHS ONLY

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019, PWD 2015-16, PWD Elecrical 2014-15 and Approved rate.

Assistant Engineer
Yelahanka Project
BBMP

Assistant Executive Engineer
Yelahanka Project
BBMP
Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Executive Engineer
Yelahanka Project
Project Division
BBMP
Yelahanka Zone
BBMP, Bangalore-92
Executive Engineer 18/9/19

Approved by Commissioner vide
PSR(Q) 6580 Dt: 30/12/2019

Technical Sanction
Accorded For Rs.80.00 Lakhs only
Head of A/C..P-3590
CER NO :....81..... Dt:20.09.2019

TA I EE (YNK)

Administrative Approval
Accorded For Rs.80.00 lakh
Head of A/C..P 3590
CER NO :....56..... Dt:07/03

E.E. (Project)

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BBMP, Bangalore-92
10/9/19

Approved by Commissioner vide
PSR(4) 6580 Dt: 30/12/2019

Technical Sanction
Accorded For Rs.80.00 lakhs only
Head of A/C..2-3590.....
CER NO :.....81..... Dt:20.09.2019

TA I CE (YNK)

Administrative Approval
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Head of A/C..2-3590.....
CER NO :.....56..... Dt:07/03/2020

E.E. (Project)

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF PROJECT : BALANCE WORKS TO SAMUDHAYA BHAVANA IN WARD NO.2

(1)BUILDING

								Est.Cost.Rs.	7181000
Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : **Earthwork excavation for foundation of buildings**, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 5,Item No 2.4								
	Footings								
	circular column	cum	2	1	1.00	1.50	3.00		
	SSM footing for compound wall								
	Front side	cum	1	33.5	0.75	1.05	26.38		
	Back side	cum	1	33.5	1.00	1.05	35.18		
	basic rate							449	
	Area weightage 8%							35.92	
	total						**64.56**	**484.92**	**31304.62**
2	KSRB 2.8 : Providing and **Filling in foundation** with granite / trap broken metal 100mm. and down size. with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15								
	Footings								
	circular column	cum	2	1	1.00	0.10	0.20		
	basic rate							2429	
	Area weightage 8%							194.32	
	total						**0.20**	**2623.32**	**524.66**
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed. machine mixed. concrete laid in layers not exceeding 15 cms. thick. well compacted. in foundation. including cost of all materials. labour. HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1. 4.2. (P.No.12, I.No. 4.3)								
	Footings								
	circular column	cum	2	1.0	1.00	0.15	0.30		
	compound wall								
	Front side	cum	1	33.5	0.75	0.15	3.77		
	Back side	cum	1	33.5	1.00	0.15	5.03		
	Building								
	Front side	cum	1	33.1	2.20	0.15	10.92		
	Back side	cum	1	33.1	1.80	0.15	8.94		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Left side	cum	1	14.2	2.30	0.15	4.90		
	right side	cum	1	14.2	2.30	0.15	4.90		
	basic rate							5102	
	Area weightage 8%							408.16	
	total						**38.75**	**5510.16**	213
4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machine curing complete as per specifications. Specification No. KBS 4.1, 4.2, Pg No. 12 Item No. 4.6								
	PCC above SSM								
	compound wall								
	Front side	cum	1	33.5	0.75	0.10	2.5125		
	Back side	cum	1	33.5	0.90	0.10	3.015		
	basic rate							5422	
	Area weightage 8%							433.76	
	total						**5.53**	**5855.76**	323
5	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cem @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing com as per specifications. Specification No. KBS 4.1, 4.2,PG no.12 Item No.4.5								
	For Fixing ornamental seurity grill								
	compound wall								
	Front side	cum	1	33.5	0.20	0.15	1.01		
	Back side	cum	1	33.5	0.20	0.10	0.67		
	Building								
	Front side	cum	1	33.1	2.20	0.10	7.28		
	Back side	cum	1	33.1	1.80	0.10	5.96		
	Left side	cum	1	14.2	2.30	0.10	3.27		
	right side	cum	1	14.2	2.30	0.10	3.27		
	Basic rate							**5328.00**	
	Area weightage 8%							426.24	
	Total						**21.45**	**5754.24**	123

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRB 5.2-3 : Providing and constructing **granite / trap / basalt size stone masonry in foundation cement mortar 1:6,** stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications.KBS 5.1.13 Pg No 23 item No 5.6								
	compound wall								
	Front side	cum	1	33.5	0.60	0.90	18.09		
	Back side	cum	1	33.5	0.90	0.90	27.135		
		cum	1	33.5	0.75	0.60	15.08		
		cum	1	33.5	0.75	0.60	15.08		
	basic rate							4596	
	Area weightage 8%							367.68	
	total						**75.38**	**4963.68**	**374137.38**
7	KSRB 2.3 : **Filling available excavated earth** (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9, Pg No.6, Item No.2.10								
	Filling in foundations								
	Excavated earth	Cum	From SL no 1				**64.56**		
	concrete								
	Footing								
	circular column	cum	2	1	1.00	0.30	0.60		
	Column below GL								
	200mm dia	cum	2	0.031		0.95	0.06		
	PCC								
	Footings								
	circular column	cum	2	1.0	1.00	0.15	0.30		
	compound wall								
	Front side	cum	1	33.5	0.75	0.15	3.77		
	Back side	cum	1	33.5	1.00	0.15	5.025		
	Soling								
	Footings								
	circular column	cum	2	1	1.00	0.10	0.20		
	SSM								
	compound wall								
	Front side	cum	1	33.5	0.60	0.90	18.09		
	Back side	cum	1	33.5	0.90	0.90	27.135		
							55.18		
	basic rate							201.00	
	Area weightage 8%							16.08	
	total						**9.38**	**217.08**	**2035.74**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRB 4-6.1 : Providing and removing **centering, shuttering, strutting, propping etc.**, and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.28								
	Footings								
		sqm	2	4		0.3	2.4		
	basic rate							258	
	Area weightage 8%							20.64	
	total						**2.40**	**278.64**	**668.74**
9	KSRB 4-6.6 : Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **columns, pillars,post and struts**, circular or curved in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Pg No 16, Item No 4.33								
	column below FFL								
	200mm dia	Sqm	2	0.63		0.95	1.19		
	Columns upto ground floor								
	200mm dia	Sqm	2	0.63		3.6	4.52		
	Basic rate							913.00	
	Area weightage 8%							73.04	
	Total						**5.71**	**986.04**	**5630.29**
10	KSRB 4-6.3 : Providing and removing **centering, shuttering, strutting, propping etc.**, and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 15, Item No 4.18								
	Ground floor roof								
	Portico roof	sqm	1	3	2.2		6.6		
	basic rate							313	
	Area weightage 8%							25.04	
	total						**6.60**	**338.04**	**2231.06**
11	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Pg No 16, Item No 4.36								
	Ground floor roof								
	Portico roof(sides)	sqm	1	7.4		0.15	1.11		
	basic rate							755	
	Area weightage 8%							60.4	
	total						**1.11**	**815.4**	**905.09**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
12	KSRB 4-6.7 :Providing and removing **centering, shuttering, strutting, propping etc.**, and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2, Pg No 16, Item No 4.34								
	Ground floor								
	sides of beams								
	Beam(200x300)	sqm	4	2.2		0.15	1.32		
	Beam(200x300)	sqm	2	3		0.15	0.9		
	soffits of beams								
	Beam(200x300)	sqm	2	2.2	0.2		0.88		
	Beam(200x300)	sqm	1	3	0.2		0.6		
	Through lintel								
	kitechen	sqm	2	6.00		0.20	2.4		
		sqm	2	4.80		0.20	1.92		
	basic rate							292	
	Area weightage 8%							23.36	
	total						**8.02**	**315.36**	**2529.19**
	Second floor								
	Through lintel								
	Toilet								
	Long wall	Sqm	8	2.5		0.30	6.00		
	Short wall	Sqm	8	1.2		0.30	2.88		
	basic rate							292	
	Add lift charge for second floor							12	
	Sub total							304	
	Area weightage 8%							24.32	
	total						**8.88**	**328.32**	**2915.48**
13	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and First Floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.KBS 4.1, 4.6, Pg No 13, Item no.4.10								
	Footings								
	Circular column(200mm dia)	cum	2	1	1.00	0.30	0.6		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
15	Providing and laying **cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC)** for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar,with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete for beams,staircase,and roof with M-25. Pg No.18 Item No.4.49.2								
	For beams								
	Ground floor								
	Beam(200x300)	cum	2	2.2	0.20	0.15	0.13		
	Beam(200x300)	cum	1	3	0.20	0.15	0.09		
	Slab								
		cum	1	3.00	2.20	0.15	0.99		
	Second floor								
	slab	cum	2	2.50	1.60	0.15	1.2		
	basic rate							5497	
	Area weightage 8%							439.76	
	total						**2.41**	**5936.76**	**14307.59**
16	KSRB 4.9.2 : Providing **T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever** required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Pg No.17 Item No.4.46.2								
	Below GL								
	Footing	Cum	Concrete Quantity				0.60		
		kg	Steel assumed 100 Kg/Cum of Concrete				60.0		
		tonne					**0.06**		
	column	Cum	Concrete Quantity				0.05		
		kg	Steel assumed 200 Kg/Cum of Concrete				10.0		
		tonne					**0.01**		
						Sub total	**0.07**		
	Ground floor								
	column	Cum	Concrete Quantity				0.22		
		kg	Steel assumed 200 Kg/Cum of				44.0		
		tonne					**0.04**		
	Beam	Cum	Concrete Quantity				0.22		
		kg	Steel assumed 150Kg/Cum of				33.0		
		tonne					**0.03**		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Slab	Cum	Concrete Quantity				0.99		
		kg	Steel assumed 125Kg/Cum of				123.8		
		tonne					**0.12**		
	lintel	Cum	Concrete Quantity				0.43		
		kg	Steel assumed 100Kg/Cum of Concrete				43.0		
		tonne					**0.04**		
						Sub total	**0.24**		
	basic rate							70966	
	Area weightage 8%							5677.28	
	total						**0.31**	**76643.28**	**24046.83**
	Second floor								
	lintel	Cum	Concrete Quantity				0.88		
		kg	Steel assumed 100Kg/Cum of Concrete				88.0		
		tonne					**0.09**		
	Slab	Cum	Concrete Quantity				1.20		
		kg	Steel assumed 125Kg/Cum of				150.0		
		tonne					**0.15**		
	basic rate							70966	
	Add lift chrages for second floor							1496	
	Sub total							72462	
	Area weightage 8%							5796.96	
	total						**0.24**	**78258.96**	**18625.63**

17 KSRB 5-14.1: Providing and constructing **load bearing wall with precast solid concrete blocks** of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.4, Pg No. 27 Item No. 5.27.1

Compound wall								
Front side	sqm	1	33.50		1.80	60.30		
Back side	sqm	1	33.50		1.80	60.30		
Deduction for openings								
Gate	sqm	1	3.00		-1.80	-5.40		
	sqm	1	3.00		-1.80	-5.40		
Kitchen	sqm	1	6.00		2.40	14.40		
	sqm	1	5.20		2.40	12.48		
Deduction for openings								
D2	sqm	1	0.90		-2.10	-1.89		
V	sqm	1	1.80		-0.60	-1.08		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Deduction for lintel								
	Through lintel								
	Long wall	sqm	1	6.00		-0.20	-1.20		
	short wall	sqm	1	5.20		-0.20	-1.04		
	Basic rate							912.00	
	Area weightage 8%							72.96	
	Total						**131.47**	**984.96**	**129492.69**
	second floor								
	Toilet								
	Long wall	sqm	4	2.10		3.00	25.2		
	Short wall	sqm	4	1.40		3.00	16.8		
	Deduction for openings								
	D3	sqm	2	0.75		-2.10	-3.15		
	V	sqm	2	0.75		-0.60	-0.9		
	Deduction for lintel								
	Through lintel								
	Long wall	sqm	4	2.50		-0.30	-3.00		
	short wall	sqm	4	1.20		-0.30	-1.44		
	Basic rate							912.00	
	Add lift charges of 35Rs/sqm for every additional floor							70.00	
	Sub total							982.00	
	Area weightage 8%							78.56	
	Total						**33.51**	**1060.56**	**35539.37**
18	Providing & Fixing of Mineral Fibre Suspended Ceiling System in the module size of 600x600x19mm with exposed grid. The tiles should have Humidity Resistance(RH) of 99%, Light Reflectance 87%, Thermal conductivity k=0.052-0.057w/m K,NRC-0.7, colour white, Fire Performance UK A2 S1, do with antimicrobial coating on the face of the tile, suitable for zone 4 area according to NF S 90-35:2003 with clean room clss of ISO 5(class 100), Decontamination class of CP10 and Bactoriological cleanlines class B1 for specific strains and reduction in colony size. Washability properties of 500 wash cycles as per ASTM D-4828 and suitable for Green Building application with Recycled content of 37%. The tile shall be laid on 24mm wide T-section flanges colour white having rotary stitching on all t sections i.e. the main runner, 1200mm & 600mm cross tees with web height f 38mm and a load carrying sections should have a galvanizing of 90grmas per sqm and need to be installed with suspension system of approved make.Pg No. 325,Item No.39.12.1								
	FIRST FLOOR								
	Samudhaya bhavana hall	sqm	1	18.151	13.8		250.48		
		sqm	1	8.98	5.56		49.93		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate
	Sage	sqm	1	7.6	4.4		33.44	
	basic rate							2484
	Area weightage 8%							198.72
	total						**333.85**	**2682.72**
19	KSRB15-3.8 : Providing **18mm thick cement plaster in single coat with cement mortar** brick masonry including rounding off corners. wherever required smooth rendering. Providin removing scaffolding, including cost of materials, labour, curing complete as per specificatio 114,Item No.15.16							
	External plastering							
	Ground floor							
	Compound wall							
	Front side	sqm	2	33.50		1.80	120.60	
	Back side	sqm	2	33.50		1.80	120.60	
	Column 200mm dia	sqm	2	0.63		3.60	4.52	
	Kitchen	sqm	1	6.00		2.40	14.40	
		sqm	1	5.20		2.40	12.48	
	Deduction for openings							
	Gate	sqm	1	3.00		-1.80	-5.40	
		sqm	1	3.00		-1.80	-5.40	
	D2	sqm	1	0.90		-2.10	-1.89	
	V	sqm	1	1.80		-0.60	-1.08	
	Basic rate							261.00
	Area weightage 8%							20.88
	Total						**258.83**	**281.88**
	second floor							
	Toilet							
	Long wall	sqm	4	2.10		3.00	25.20	
	Short wall	sqm	4	1.40		3.00	16.80	
	Deduction for openings							
	D3	sqm	2	0.75		-2.10	-3.15	
	V	sqm	2	0.75		-0.60	-0.90	
	Basic rate							261.00
	Add scaffolding charges of 12Rs/sqm for every additional floor							24.00
	Sub total							285.00
	Area weightage 8%							22.80
	Total						**37.95**	**307.80**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
20	KSRB 15.3.2 : Providing **12mm thick cement plaster in single coat with cement mortar 1:4** , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 112 Item No.15.10								
	Internal plastering								
	Ground floor								
	Kitchen	sqm	2	6.00		2.40	28.80		
		sqm	2	5.20		2.40	24.96		
	Deduction for openings								
	D2	sqm	2	0.90		-2.10	-3.78		
	V	sqm	2	1.80		-0.60	-2.16		
	Basic rate							204.00	
	Area weightage 8%							16.32	
	Total						**47.82**	**220.32**	**10535.70**
	second floor								
	Toilet								
	Long wall	sqm	4	2.10		0.90	7.56		
	Short wall	sqm	4	1.20		0.90	4.32		
	Basic rate							204.00	
	Add lift charges of 6Rs/sqm for every additional floor							12.00	
	sub total							216.00	
	Area weightage 8%							17.28	
	Total						**11.88**	**233.28**	**2771.37**
21	KSRB15-5.1 : Providing rough cement **plastering 15mm thick(rough plastring)** in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , Pg.No-117, Item No-15.30								
	second floor								
	Toilet								
	Long wall	sqm	4	2.10		1.95	16.38		
	Short wall	sqm	4	1.20		1.95	9.36		
	Deduction for openings								
	D	sqm	2	0.75		-2.10	-3.15		
	V	sqm	2	0.75		-0.60	-0.90		
	Basic rate							205	
	Add lift charges 6Rs/sqm for every additional floor							12.00	
	sub total							217.00	
	Area weightage 8%							17.36	
	total						**21.69**	**234.36**	**5083.27**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
22	KSRB15-3-14 : Providing **12mm thick cement plaster** in single coat with cement mortar 1:4 to **ceiling** including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 114, Item No15.22								
	Ground floor								
	Ceiling								
	Portico ceiling	sqm	1	3.00	2.20		6.60		
	Beams								
	sides of beams								
	Beam(200x300)	sqm	4	2.2		0.30	2.64		
	Beam(200x300)	sqm	2	3		0.30	1.80		
	basic rate							235.00	
	Area weightage 8%							18.80	
	Total						**11.04**	**253.8**	**2801.95**
	second floor								
	ceiling	sqm	2	2.10	1.20		5.04		
	basic rate							235.00	
	Add lift charges 6Rs/sqm for every additional floor							12.00	
	sub total							247.00	
	Area weightage 8%							19.76	
	Total						**5.04**	**266.76**	**1344.47**
23	providing applying two coats of **wall putty to inside plastered walls and ceiling** using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification. Pg No.126 Item No.15.106								
	for internal plastered portions	Sqm	1	internal plastering			11.88		
	ceiling and beams	Sqm	1	same as plastering for ceiling +beams			16.08		
	Basic rate							78.00	
	Area weightage 8%							6.24	
	Total						**27.96**	**84.24**	**2355.35**
24	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. PgNo. 117, I.No. 15.51.2								
	Internal painting	Sqm	Same as Internal plastering				59.70		
	Basic rate							90.00	
	Area weightage 8%							7.2	
	Total						**59.70**	**97.20**	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
25	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. P. No. 117, I.No. 15.53.2								
	Exteranal painting								
	Ground Floor	Sqm	Same as External plastering				258.83		
	Basic rate							102.00	
	Area weightage 8%							8.16	
	Total						**258.83**	**110.16**	**28512.89**
	second floor	Sqm	Same as External plastering				37.95		
	Basic Rate							102.00	
	An additional rate of Rs.4.00/sqm per floor for lift charges and Rs.3.00/sqm per floor for scaffolding charges may be added for every additional floor							8.00	
	sub total							110.00	
	Area weightage 8%							8.80	
	Total						**37.95**	**118.80**	**4508.46**
26	KSRB 14.9-1: Providing and laying **M-15 cement concrete flooring, 50 mm thick** with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4, Pg No 102,Item No 14.13								
	second floor								
	Toilet	sqm	2	1.20	2.10		5.04		
	Basic rate							631.00	
	Add lift charges 2Rs/sqm for every additional floor							4.00	
	sub total							635.00	
	Area weightage 8%							50.8	
	Total						**5.04**	**685.80**	**3456.43**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
27	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No. 109, I.No. 14.62)								
	Ground floor								
	Front side	sqm	1	33.50	2.20		73.70		
	Back side	sqm	1	33.50	1.80		60.30		
	Left side	sqm	1	14.20	2.30		32.66		
	Right side	sqm	1	14.20	2.30		32.66		
	Basic Rate							1232	
	Area weightage 8%							98.56	
	Total						**199.32**	**1330.56**	**265207.22**
28	KSRB 14.14-5: Providing **Ceramic tiles of size 30x30cms 6mm thick** of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.Pg No 106,Item No14.36 .2								
	second floor								
	Toilet	sqm	2	2.10	1.20		5.04		
	Basic Rate							1210.00	
	Add lift charges 2Rs/sqm for every additional floor							4.00	
	sub total							1214.00	
	Area weightage 8%							97.12	
	Total						**5.04**	**1311.12**	**6608.04**
29	KSRB 9-27.1 : **Fixing of door frames** in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications. Pg No 57,Item No9.80								
	Ground floor								
	D2	nos	1				1.00		
	Basic rate							1366.00	
	Area weightage 8%							109.28	
	Total						**1.00**	**1475.28**	**1475.28**

S. No.	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 9.4-2: Providing Redsal wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Pg No 51,Item No9.13.1								
	DE	cum	1	6	0.15	0.125	0.11		
	Basic rate							60614.00	
	Area weightage 8%							4849.12	
	Total						**0.11**	**65463.1**	**7364.60**
	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification. - 35mm thick both side commercial. P. No. 62/ I.No. 9.106.6								
	DE	sqm	1	0.9		2.1	1.89		
	Basic rate							2250.00	
	Area weightage 8%							180.00	
	Total						**1.89**	**2430.0**	**4592.70**
	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM), U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame. Page No. 60, Item No. 9.95								
	DE	m	2	5.7			11.40		
	Basic rate							450.00	
	Add lift charges 4Rs/sqm for every additional floor							8.00	
	Sub total							458.00	
	Area weightage 8%							36.64	
	Total						**11.40**	**494.6**	**5638.90**